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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship	Kim et al.
Applicant	
Attorney's Docket No.	
Title: Determining Phase Relationships Using Digital Phase Values	

TRANSMITTAL LETTER AND CERTIFICATE OF MAILING

To: Commissioner of Patents and Trademarks Washington, D.C. 20231

From: Daniel L. Hayes (509) 324-9256

Customer No. 29150

The following enumerated items accompany this transmittal letter and are being submitted for the matter identified in the above caption.

- Transmittal Letter with Certificate of Mailing included.
- PTO Return Postcard Receipt
- Fee Transmittal
- Check #1273 in the amount of \$1,876.00
- New patent application (title page plus 29 pages, including claims 1-47 & Abstract)
- **Executed Declaration** 6.
- 4 sheets of formal drawings (Figs. 1-6) 7.
- Assignment w/Recordation Cover Sheet

Large Entity Status [x]

Small Entity Status []

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 in connection with any patent application filing fees under 37 CFR 1.16, and any processing fees under 37 CFR 1.17.

Date: 6-25-01

Daniel L. Hayes Reg. No. 34,618

CERTIFICATE OF MAILING

I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal Service as either first class mail, or Express Mail if the blank for Express Mail No. is completed below, in an envelope addressed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the below-indicated date. Any Express Mail No. has also been marked on the listed items. EL79282139

Express Mail No. (if applicable)

Date: 6/25/2001

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)1,876.00

capona to a conection of mic	armation unless it displays a valid OMB control number
Co	omplete if Known
Application Number	
Filing Date	
First Named Inventor	Jun Kim
Examiner Name	
Group Art Unit	
Attorney Docket No.	RB1-02545

METHOD OF PAYMENT	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES			
indicated fees and credit any overpayments to:	Large Small			
Account Number 12~0769	Entity Entity			
Deposit	Fee Fee Fee Fee Code (\$) Code (\$)	Fee Paid		
Account Lee & Hayes, PLLC	105 130 205 65 Surcharge - late filing fee or oath			
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
Applicant claims small entity status. See 37 CFR 1.27	139 130 139 130 Non-English specification			
2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination			
Check Credit card Money Order	112 920* 112 920* Requesting publication of SIR prior to Examiner action			
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month			
Large Entity Small Entity	116 390 216 195 Extension for reply within second month			
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 890 217 445 Extension for reply within third month			
101 710 201 355 Utility filing fee	118 1,390 218 695 Extension for reply within fourth month			
106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month			
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal			
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal			
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing			
SUBTOTAL (1) (\$) 7/0,00	138 1,510 138 1,510 Petition to institute a public use proceeding			
	140 110 240 55 Petition to revive - unavoidable			
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional			
Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)			
Total Claims Independent 77 -20" = 27 x /8 = 486	143 440 243 220 Design issue fee			
Claims	144 600 244 300 Plant issue fee			
widitiple Dependent =	122 130 122 130 Petitions to the Commissioner			
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)			
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt			
Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40		
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))			
109 80 209 40 ** Reissue independent claims	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))			
over original patent 110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)			
and over original patent	169 900 169 900 Request for expedited examination			
SUBTOTAL (2) (\$) /. 126, 0	of a design application Other fee (specify)			
or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40	100		

SUBMITTED BY			Complete (ii	f applicable)
Name (Print/Type)	Daniel L. Hayes	Registration No. 34618	Telephone	509 324-0256
Signature	the beonsele	(Attorney/Agent) 79, 87	Date	1-2501
	- Burger	37,589	Date	6-23-01

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